

Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group  
EDWARDS & ANGELL, LLP  
P. O. Box 9169  
Boston, Massachusetts 02209

Docket No. 45858/55672

1634  
#13  
**RECEIVED**

DEC 02 2002

**DECLARATION AND POWER OF ATTORNEY**

**TECH CENTER 1600/2900**

I, a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

which is described and claimed in:

☐ the specification attached hereto.

☒ the specification in U.S. Application Serial Number 09/725,897, filed on November 30, 2000.

☐ the specification in PCT international application Number, \_\_\_\_\_  
filed on \_\_\_\_\_; and was amended on \_\_\_\_\_.

**RECEIVED**

OCT 02 2002

**TECH CENTER 1600/2900**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

SEP 30 2002

**Prior U.S. Applications or PCT International Applications Designating the U.S.-Benefit Under 35 U.S.C. §120**

U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
			RECEIVED	
			DEC 02 2002	
			TECH CENTER 1600/2900	
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		
			OCT 02 2002	
			TECH CENTER 1600/2900	

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)  
(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date
Goldsborough, M., et al.	U.S.S.N. 60/175,307	January 10, 2000

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

David G. Conlin (Reg. No. 27,026)	Christine C. O'Day (Reg. No. 38,256)	Peter J. Manso (Reg. No. 32,264)
George W. Neuner (Reg. No. 26,964)	Lisa Swiszc Hazzard (Reg. No. 44,368)	Dianne M. Rees (Reg. No. 45,281)
Linda M. Buckley (Reg. No. 31,003)	David A. Tucker (Reg. No. 27,840)	Edward J. Adamson (Reg. No. 50,927)
Peter F. Corless (Reg. No. 33,860)	George W. Hartnell, III (Reg. No. 42,639)	John J. Penny, Jr. (Reg. No. 36,984)
Peter J. Manus (Reg. No. 26,766)	John B. Alexander (Reg. No. 48,399)	Howard M. Gitten (Reg. No. 32,138)
Cara Z. Lowen (Reg. No. 38,227)	Steven M. Jensen (Reg. No. 42,693)	
William J. Daley, Jr. (Reg. No. 35,487)	Kathryn A. Piffat (Reg. No. 34,901)	
Robert L. Buchanan (Reg. No. 40,927)	Richard J. Roos (Reg. No. 45,053)	

**SEND CORRESPONDENCE TO:**

David G. Conlin (Reg. No. 27,026)  
Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group  
Edwards & Angell, LLP  
P. O. Box 9169  
Boston, Massachusetts 02209

**DIRECT TELEPHONE CALLS TO:**

David G. Conlin (Reg. No. 27,026)  
Kathryn A. Piffat, Ph.D. (Reg. No. 34,901)  
(617) 439-4444



RECEIVED

OCT 02 2002

Page 3

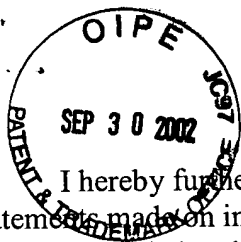
TECH CENTER 1600/2900

201	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		<b>Goldsborough</b>	<b>Mindy</b>	<b>D.</b>
		<b>Gaithersburg</b>	<b>Maryland</b>	<b>United States</b>
		<b>8304 Giantstep Place</b>	<b>Gaithersburg</b>	<b>Maryland 20879</b>
202	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		<b>Fox</b>	<b>Donna</b>	<b>K.</b>
		<b>Sykesville</b>	<b>Maryland</b>	<b>United States</b>
		<b>7407 Village Road, Apt. 25</b>	<b>Sykesville</b>	<b>Maryland 21784</b>
203	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

TECH CENTER 1600/2900

DEC 02 2002

RECEIVED



I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202 <i>Donna K. Fox</i>
Date:	Date: <i>9-23-02</i>
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date: <b>RECEIVED</b> DEC 02 2002

TECH CENTER 1600/2900

BOS2\_313542.1

**RECEIVED**  
OCT 02 2002  
TECH CENTER 1600/2900

#11

Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group  
EDWARDS & ANGELL, LLP  
P. O. Box 9169  
Boston, Massachusetts 02209

Docket No. 45858/55672

**DECLARATION AND POWER OF ATTORNEY**

SEP 30 2002  
PATENT & TRADEMARK OFFICE

I, a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

which is described and claimed in:

☐ the specification attached hereto.

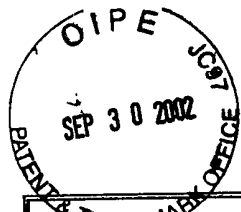
☒ the specification in U.S. Application Serial Number 09/725,897, filed on November 30, 2000.

☐ the specification in PCT international application Number, \_\_\_\_\_  
filed on \_\_\_\_\_; and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:



Prior U.S. Applications or PCT International Applications Designating the U.S.-Benefit Under 35 U.S.C. §120				
U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

RECEIVED

OCT 02 2002

TECH CENTER 1600/2900

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
(35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date
Goldsborough, M., et al.	U.S.S.N. 60/175,307	January 10, 2000

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

David G. Conlin (Reg. No. 27,026)  
George W. Neuner (Reg. No. 26,964)  
Linda M. Buckley (Reg. No. 31,003)  
Peter F. Corless (Reg. No. 33,860)  
Peter J. Manus (Reg. No. 26,766)  
Cara Z. Lowen (Reg. No. 38,227)  
William J. Daley, Jr (Reg. No. 35,487)  
Robert L. Buchanan (Reg. No. 40,927)

Christine C. O'Day (Reg. No. 38,256)  
Lisa Swiszc Hazzard (Reg. No. 44,368)  
David A. Tucker (Reg. No. 27,840)  
George W. Hartnell, III (Reg. No. 42,639)  
John B. Alexander (Reg. No. 48,399)  
Steven M. Jensen (Reg. No. 42,693)  
Kathryn A. Piffat (Reg. No. 34,901)  
Richard J. Roos (Reg. No. 45,053)

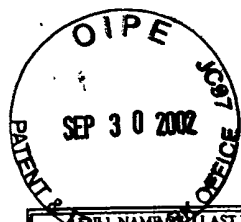
Peter J. Manso (Reg. No. 32,264)  
Dianne M. Rees (Reg. No. 45,281)  
Edward J. Adamson (Reg. No. 50,927)  
John J. Penny, Jr. (Reg. No. 36,984)  
Howard M. Gitten (Reg. No. 32,138)

**SEND CORRESPONDENCE TO:**

David G. Conlin (Reg. No. 27,026)  
Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group  
Edwards & Angell, LLP  
P. O. Box 9169  
Boston, Massachusetts 02209

**DIRECT TELEPHONE CALLS TO:**

David G. Conlin (Reg. No. 27,026)  
Kathryn A. Piffat, Ph.D. (Reg. No. 34,901)  
(617) 439-4444



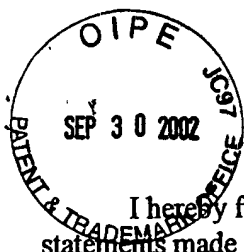
RECEIVED

OCT 02 2002

Page 3

TECH CENTER 1600/2900

201	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		<b>Goldsborough</b>	<b>Mindy</b>	<b>D.</b>
		<b>Gaithersburg</b>	<b>Maryland</b>	<b>United States</b>
		<b>8304 Giantstep Place</b>	<b>Gaithersburg</b>	<b>Maryland 20879</b>
202	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		<b>Fox</b>	<b>Donna</b>	<b>K.</b>
		<b>Sykesville</b>	<b>Maryland</b>	<b>United States</b>
		<b>7407 Village Road, Apt. 25</b>	<b>Sykesville</b>	<b>Maryland 21784</b>
203	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE



I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 <i>Mary D. G. [Signature]</i>	Signature of Inventor 202
Date: 9/25/02	Date:
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

BOS2\_313542.1

RECEIVED  
OCT 02 2002  
TECH CENTER 1600/2900





Docket No. 45858/55672

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Goldsborough *et al.*

EXAMINER: B. Sisson

SERIAL NO. 09/725,897

GROUP: 1634

FILED: November 30, 2000

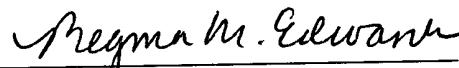
FOR: METHODS FOR THE STORAGE AND SYNTHESIS OF NUCLEIC  
ACIDS

ASSISTANT COMMISSIONER OF PATENTS  
WASHINGTON, D.C. 20231

.....  
CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on September 26, 2002.

By:

  
Regina M. Edwards

.....  
Sir:

**DECLARATION OF KATHRYN A. PIFFAT, Ph.D., UNDER MPEP § 608.01(p)**

I, Kathryn A. Piffat, Ph.D., declare as follows:

1. I am presently an associate and patent attorney employed by the Dike, Bronstein, Roberts & Cushman Intellectual Property Practice Group of EDWARDS & ANGELL, LLP, at 101 Federal Street, Boston, MA 02110-1800 (mailing address: P.O. Box 9169, Boston, MA 02209). My patent practitioner registration number is 34,901.

**RECEIVED**

OCT 02 2002

TECH CENTER 1600/2900

2. Edwards & Angell, LLP, are currently the legal representatives of Whatman, Inc., with respect to the subject application U.S.S.N. 09/725,897, filed November 30, 2000.

3. The subject application, on page 19 (lines 15-18) as originally filed, described a preferred embodiment for producing cDNA by incorporation by reference of the disclosures of U.S. patent application 09/076,115 and U.S. provisional application 60/122,395.

4. The subject application was filed neither by me nor by any practitioner at the firm of Edwards & Angell, LLP.

5. U.S. patent application 09/076,115 and U.S. provisional application 60/122,395 likewise were filed neither by me nor by any practitioner at the firm of Edwards & Angell, LLP.

6. The subject application U.S.S.N. 09/725,897 was purchased by Whatman, Inc., from Invitrogen Corporation.

7. U.S. patent application 09/076,115 and U.S. provisional application 60/122,395 are not owned by Whatman, Inc.

8. An electronic copy of the purported text of U.S. patent application 09/076,115 and a hard copy of the purported text of U.S. provisional application 60/122,395 were provided to me by Robert W. Esmond, an attorney at Sterne, Kessler, Goldstein & Fox, Attorneys at Law, 1100 New York Avenue, N.W., Washington, D.C. 20005.

9. It is my understanding that Sterne, Kessler, Goldstein & Fox are currently legal representatives of Invitrogen Corporation, from whom Whatman, Inc., purchased the subject application U.S.S.N. 09/725,897.

10. Pertinent portions of the purported texts of U.S. patent application 09/076,115 and U.S. provisional application 60/122,395 were included in the Amendment (submitted herewith) to be inserted into the text in response to the Examiner's request in the Office Action mailed March 26, 2002.

11. To the best of my belief, the inserted portions of the texts are true copies of the corresponding portions of the texts provided to me by Robert W. Esmond, which are purportedly the disclosures of U.S. patent application 09/076,115 and U.S. provisional application 60/122,395, and therefore, also to the best of my belief, the amendatory material consists of the same material incorporated by reference in the subject referencing application U.S.S.N. 09/725,897.

12. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, and that such willful false statements may jeopardize the validity of the application on any patent issued thereon.

Date: September 26, 2002

Kathryn A. Piffat, Ph.D.

Kathryn A. Piffat, Ph.D.  
(Reg. No. 34,901)  
Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group  
EDWARDS & ANGELL, LLP  
P.O. Box 9169  
Boston, MA 02209  
Telephone: (617) 439-4444